

Listing of Amended and New Claims

1. The use of a composition in the manufacture of medicine for treating a dermal condition, the composition comprising, a ~~hydrophilic~~ polymeric matrix, at least one humectant, and an effective amount of moisture of from about 0.1 % to about 50% w/w, ~~at least one active agent, wherein at least one active agent comprises~~ and an organic acid.
2. The use of Claim 1, wherein the organic acid ~~comprises~~ is citric acid.
3. The use of Claim 2, wherein the citric acid is in a concentration between 0.1 and 16% w/w.
4. The use of Claim 3, wherein the citric acid is in a concentration between 4 and 12% w/w.
5. The use of Claim 3 wherein the citric acid is in a concentration between 6 and 12 % w/w.
6. The use of Claim 1 or 2, wherein the matrix is made of natural or synthetic hydrophilic polymers, rubber, collagen, animal hide, hyaluronic acid, dextran, alginates, cellulose, ~~carboxymethylcellulose, hydroxymethylcellulose~~, elastomers, polyethylenes, polypropylenes, polybutyrate, polyacrylate, polyacrylamide, polybuterate, polyurethane foam, ~~silicone elastomer~~, nylon, or vinyl or cross-linked dextran.
- 6A. The use of Claim 6, wherein the dextran is a cross linked dextran.**
- 6B. The use of Claim 6, wherein the elastomer is a silicon elastomer.**
- 6C. The use of Claim 6, wherein the cellulose is carboxymethylcellulose.**
- 6D. The use of Claim 6, wherein the cellulose is hydroxymethylcellulose.**
7. The use of Claim 1 or 2, wherein the humectant is glycerol.
8. The use of Claim 1 or 2, wherein the composition further comprises at least one attachment element.
9. The use of Claim 1 or 2, wherein the composition further comprises the matrix suspended in an amorphous hydrogel, and wherein the matrix is ground into a powder.
10. The use of Claim 9, wherein the hydrogel is a cream, salve, lotion, or emulsion.

**10A. The use of Claim 1 or 2, wherein the composition further comprises sorbic acid, ascorbic acid, tannic acid, succinic acid, lactic acid, pyruvic acid, alpha ketoglutaric acid, glutamic acid, acetic acid, butyric acid, salicylic acid, iodine, DMSO, undecylenic acid, tea tree oil, urea, selenium sulfide, resorcinol, ketoconazole, Clotrimazole, Terbinafine, Ciclopirox olamine, or Diflucan.**

**10B. The use of Claim 10A, wherein the composition further comprises an anti-yeast compound.**

**10C. The use of Claim 10A, wherein the composition further comprises an antibacterial compound.**

**10D. The use of Claim 10A, wherein the composition further comprises an antiviral compound.**

**11. A composition comprising,**

- a) a polymeric hydrophilic matrix material;
- b) ~~at least one active agent~~ an organic acid;
- c) at least one humectant; and
- d) an effective amount of moisture of about 50% w/w, so that a diffusion gradient is established between the composition and the dermal structure once the composition is applied; ~~wherein at least one active agent comprises an organic acid.~~

**11A. The composition of Claim 11, wherein the organic acid is citric acid.**

**12. The composition of Claim 11, further comprising a moisture management system.**

**13. The composition of Claim 11, further comprising at least one attachment element.**

**14. The composition of Claim 11, wherein the matrix material comprises natural or synthetic hydrophilic polymers, rubber, collagen, animal hide, hyaluronic acid, dextran, alginates, cellulose, ~~carboxymethylcellulose, hydroxymethylcellulose~~, elastomers, polyethylenes, polypropylenes,**

polybutyrate, polyacrylate, polyacrylamide, polybuterate, polyurethane foam, ~~silicone elastomer~~, nylon, or vinyl or cross-linked dextran.

**14A. The composition of Claim 14, wherein the dextran is a cross linked dextran.**

**14B. The composition of Claim 14, wherein the elastomer is a silicon elastomer.**

**14C. The composition of Claim 14, wherein the cellulose is carboxymethylcellulose.**

**14D. The composition of Claim 14, wherein the cellulose is hydroxymethylcellulose.**

15. The composition of Claim 11, ~~wherein at least one active agent is~~ further comprising citric acid, sorbic acid, ascorbic acid, ~~salicylic acid~~, tannic acid, succinic acid, lactic acid, pyruvic acid, alpha ketoglutaric acid, glutamic acid, acetic acid, ~~butarie~~ butyric acid, salicylic acid, iodine, DMSO, undecylenic acid, tea tree oil, urea, selenium sulfide, resorcinol, ketoconazole, Clotrimazole, Terbinafine, Ciclopirox olamine, or Diflucan, ~~anti-yeast compounds, antibacterial compounds, or antiviral compounds.~~

**15A. The composition of Claim 15, further comprising an anti-yeast compound.**

**15B. The composition of Claim 15, further comprising an antibacterial compound.**

**15C. The composition of Claim 15, further comprising an antiviral compound.**

16. The composition of Claim 11, wherein the humectant is glycerol, butanol, propanol, isopropyl alcohol, ethanol, methanol, propylene glycol, polyethylene glycol, ethylene alcohol, butyl alcohol, sodium chloride, lithium chloride, copper chloride, magnesium chloride, magnesium sulfate, manganese sulphate, aluminum sulfate, zinc sulfate, or zinc chloride.

17. A composition for treatment of dermal structures, comprising,

a) a cross-linked polyacrylamide matrix, b) a non-gellable polysaccharide, c) citric acid, and d) moisture content of about 50% w/w.

18. The composition of Claim 17, wherein the citric acid is in a concentration of 8% to 16% w/w.

## **NEW CLAIMS**

**6A. The use of Claim 6, wherein the dextran is a cross linked dextran.**

**6B. The use of Claim 6, wherein the elastomer is a silicon elastomer.**

**6C. The use of Claim 6, wherein the cellulose is carboxymethylcellulose.**

**6D. The use of Claim 6, wherein the cellulose is hydroxymethylcellulose.**

**10A. The use of Claim 1 or 2, wherein the composition further comprises sorbic acid, ascorbic acid, tannic acid, succinic acid, lactic acid, pyruvic acid, alpha ketoglutaric acid, glutamic acid, acetic acid, butyric acid, salicylic acid, iodine, DMSO, undecylenic acid, tea tree oil, urea, selenium sulfide, resorcinol, ketoconazole, Clotrimazole, Terbinafine, Ciclopirox olamine, or Diflucan.**

**10B. The use of Claim 10A, wherein the composition further comprises an anti-yeast compound.**

**10C. The use of Claim 10A, wherein the composition further comprises an antibacterial compound.**

**10D. The use of Claim 10A, wherein the composition further comprises an antiviral compound.**

**11A. The composition of Claim 11, wherein the organic acid is citric acid.**

**14A. The composition of Claim 14, wherein the dextran is a cross linked dextran.**

**14B. The composition of Claim 14, wherein the elastomer is a silicon elastomer.**

**14C. The composition of Claim 14, wherein the cellulose is carboxymethylcellulose.**

**14D. The composition of Claim 14, wherein the cellulose is hydroxymethylcellulose.**

**15A. The composition of Claim 15, further comprising an anti-yeast compound.**

**15B. The composition of Claim 15, further comprising an antibacterial compound.**

**15C. The composition of Claim 15, further comprising an antiviral compound.**